M. A. R. 57 (Rule 116)
Measurement Book

No. B 191001

BR_359/31 1/14

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency...
Date of commencement of work...

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Name of work:- Improvements to Roads & Asphalting to M.S palys main Roads (via Koya Factory) in ward No. 11
Work code :- 011-13-000015 Estimated cost:- Rs. 20.00 lakhs
Work order No:- EE/BSP/BBMP/E-IND/78/13-14 Dt:- 17-7-13
Name of agency:-
Sri C. G. Chandrappa
No 4AC-402 4th cross 2nd block
HRBR layout Kalyananagar.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 mtrs & an average lift up to 0.5m, excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc. complete as per specifications Drain Desilting Koya Factory Road						
		2	30.00	0.60	0.45	16.20	
		2	30.00	0.60	0.35	12.60	

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Serial No. ....

Name of work ....

Name of Contractor of nature of Agency..............

Date of commencement of work..............................

Date	Full description, etc, of work	Nu
1	2	

K

Depth 6	Contents 7	Reference to last Measurement 8

d means in ordinary
ontal [illegible] upto
0.5m, excavated
dressed, the disposed
ter breaking of
[illegible] cables

45=	16·20	C&FC
35=	12·60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191002

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency...
Date of commencement of work..

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2 x	30·00 x	0·60 x	0·40 =	14·40	C&FC
		2 x	30·00 x	0·60 x	0·45 =	16·20	
		2 x	30·00 x	0·60 x	0·40 =	14·40	
		2 x	30·00 x	0·60 x	0·45 =	16·20	
		2 x	30·00 x	0·60 x	0·30 =	10·80	
		2 x	30·00 x	0·60 x	0·45 =	16·20	
		2 x	30·00 x	0·60 x	0·40 =	14·40	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
		2 x	30·00 x	0·60 x	0·45 =	16·20	C&F-c
		2 x	30·00 x	0·60 x	0·35 =	12·60	
		2 x	30·00 x	0·60 x	0·35 =	12·60	
		2 x	30·00 x	0·60 x	0·45 =	16·20	
		2 x	30·00 x	0·60 x	0·40 =	14·40	
		2 x	30·00 x	0·60 x	0·45 =	16·20	
		2 x	10·50 x	0·60 x	0·40 =	5·04	
	Berm Cutting	2 x	30·00 x	1·20 x	0·25 =	18·00	

Serial No. ....

Name of work ....

Name of Contractor of nature of Agency..........

Date of commencement of work..........

Date 1	Full description, etc, of work 2

Contents 7	Reference to last Measurement 8
16·20	C&F-c
12·60	
12-60	
6·20	
[illegible]	
6·20	
·04	
8·00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191003

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work...

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
		2 x	30·00 x	0·95 x	0·20 =	11·40	C&FC
		2 x	30·00 x	1·00 x	0·35 =	21·00	
		2 x	30·00 x	1·10 x	0·20 =	13·20	
		2 x	30·00 x	1·05 x	0·25 =	15·75	
		2 x	30·00 x	1·10 x	0·20 =	13·20	
		2 x	30·00 x	1·15 x	0·20 =	13·80	
		2 x	30·00 x	1·20 x	0·30 =	21·60	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
		2 ×	30.00 ×	0.95 ×	0.15 =	8.55	
		2 ×	30.00 ×	1.00 ×	0.25 =	15.00	
		2 ×	30.00 ×	1.05 ×	0.30 =	18.90	
		2 ×	30.00 ×	1.10 ×	0.25 =	16.50	
		2 ×	30.00 ×	1.20 ×	0.20 =	14.40	
		2 ×	30.00 ×	1.25 ×	0.25 =	18.75	
		2 ×	30.00 ×	1.10 ×	0.20 =	13.20	
		2 ×	10.50 ×	1.00 ×	0.20 =	4.20	
		Total	Qty			462.09	m³

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Serial No. ....

Name of work ....

Name of Contractor of nature of Agency..............................

Date of commencement of work..............................

Date 1	Full description, etc, of work 2	Numb 3
	2) Removing B.S Slab premeasureme	

Contents 7	Reference to last Measurement 8
8.55	
5.40	
8.90	
.50	C&RC
4.40	
.75	
.20	
.20	
2.09 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191004

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency..
Date of commencement of work...

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Limited to			462.09 cum	
			Rs 80.00				Rs. 36967.00
	2) Removing B.S ~~Slab~~ Doors & Stacking etc ~~191099~~ premeasurement Qty vide page No 191099						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty 43.00			Rs.~~1376822.00~~ 137682=00	
	8) providing & laying Semi dense bituminous concrete 25mm thick with 100-120TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder at 4.5 to 5% of mix & filler, transporting the hot mix to work site laying with a hydrostatic paver finisher with sensor						

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Serial No. ....

Name of work ....

Name of Contractor of nature of Agency..............................

Date of commencement of work..............................

Date	Full description, etc, of work	Nu
1	2	
	control to the reg rolling with smooth to achive the desi specification clause bitumen etc comp Keys Factory Rd.	

Exe.Eng
Std
20/

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
			Rs. 137682.00 137682=00

bituminous concrete
batch type HMP
of 75 tonnes per hour
ified grading premixed
4.5 to 5% of mix & f
to work site laying
nisher with sensor

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191013

Serial No. .... From .... To ....
Name of work ....
Name of Contractor of nature of Agency................................
Date of commencement of work................................

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	control to the required grade, level & alignment rolling with smooth wheeled vibratory & tandem roller to achive the desired compaction as per MORTH specification clause No 507.8 with 80/100 grade bitumen etc complete as per specification.						
	Koys Factory Rd.	1	× 30.00	× $\frac{8.60+6.85}{2}$	× 0.025	= 5.79	
		1	× 30.00	× $\frac{6.85+6.90}{2}$	× 0.025	= 5.16	

Exe. Engr.
Btd. Dn.
20/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 ×	30.00 ×	$\frac{6.90+6.70}{2}$	× 0.025	= 5.10	
		1 ×	30.00 ×	$\frac{6.70+6.90}{2}$	× 0.025	= 5.10	
		1 ×	30.00 ×	$\frac{6.90+6.40}{2}$	× 0.025	= 4.99	
	Checked. Exe. Engr. Btp. Dn. 20/11	1 ×	30.00 ×	$\frac{6.40+7.00}{2}$	× 0.025	= 5.03	
		1 ×	30.00 ×	$\frac{7.00+7.10}{2}$	× 0.025	= 5.29	
		1 ×	30.00 ×	$\frac{7.10+7.10}{2}$	× 0.025	= 5.33	
		1 ×	30.00 ×	$\frac{7.10+6.80}{2}$	× 0.025	= 5.21	

1)

2)

Serial No. ....

Name of work ....

Name of Contractor of nature of Agency..........

Date of commencement of work..............

Date	Full description, etc, of work
1	2

BOOK

…ns		Contents	Reference to last Measurement
…eadth 5	Depth 6	7	8

$\frac{\cdot 90+6\cdot 70}{2} \times 0\cdot 025 = 5\cdot 10$

$\frac{\cdot 70+6\cdot 90}{2} \times 0\cdot 025 = 5\cdot 10$

$\frac{\cdot 90+6\cdot 40}{2} \times 0\cdot 025 = 4\cdot 99$

$\frac{6\cdot 40+7\cdot 00}{2} \times 0\cdot 025 = 5\cdot 03$

$\frac{7\cdot 00+7\cdot 10}{2} \times 0\cdot 025 = 5\cdot 29$

$\frac{7\cdot 40+7\cdot 10}{2} \times 0\cdot 025 = 5\cdot 33$

$\frac{7\cdot 10+6\cdot 80}{2} \times 0\cdot 025 = 5\cdot 21$

C&Fc

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191014

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

$1 \times 30\cdot 00 \times \frac{6\cdot 80+7\cdot 10}{2} \times 0\cdot 025 = 5\cdot 21$

$1 \times 30\cdot 00 \times \frac{7\cdot 10+7\cdot 30}{2} \times 0\cdot 025 = 5\cdot 40$

$1 \times 30\cdot 00 \times \frac{7\cdot 30+7\cdot 20}{2} \times 0\cdot 025 = 5\cdot 29$

$1 \times 30\cdot 00 \times \frac{7\cdot 20+6\cdot 70}{2} \times 0\cdot 025 = 5\cdot 21$

$1 \times 30\cdot 00 \times \frac{6\cdot 70+6\cdot 00}{2} \times 0\cdot 025 = 4\cdot 76$

C&Fc

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1x	30·00x	6·00+7·30/2	x0·025	= 4.98	
		1x	10·50x	7·30+8·30/2	x0·025	= 2·05	
			Total Qty			80·05 m3	
		Rs. 10400=00				Rs 832494=00	
	9) Lead for disposal of Debris shall be payable at Carriage rates by Mechanical Means Excluding loading & Unloading etc.						

Serial No. ....
Name of work ....
Name of Contractor of nature of Agency..........
Date of commencement of work..........................

Date 1	Full description, etc, of work 2	N

T BOOK

sions				
Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
6.00+7.30	×0.2252	4.98	
2			
7.30+8.30	×0.025=	2.05	
2			
Qty		80.05 m3	
00=00		Rs 832494=00	
y shall be		payable at	
cal Means		Excluding	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191015

Serial No. ....

Name of work .... From .... To ....

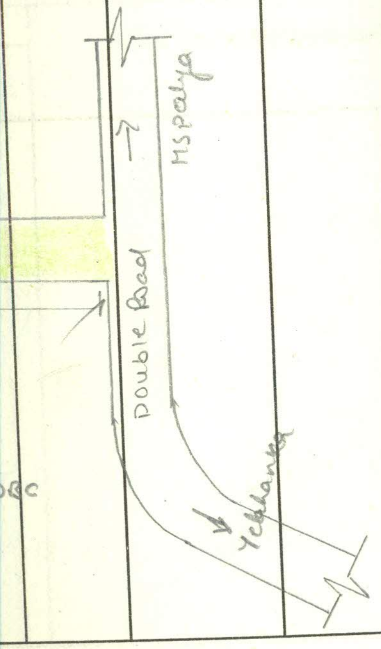
Name of Contractor of nature of Agency..

Date of commencement of work...

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
		Qty	vide	Item	No. 1		
					TM	462.09 m3	
			@ 70.00			Rs. 32346=00	
			Total			Rs 2149397.00	
							186940=00
			31/1/14			31/1/14	

OK

Depth 6	Contents 7	Reference to last Measurement 8



M. A. R. 57 (Rule 116)
Measurement Book

No. B 191016

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency...
Date of commencement of work..

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1861940=00			IT –	18619 –		
	[illegible] ರೂ. 227294=00			VAT –	74478 –		
	[illegible]			FSD –	111716 –		
	ರೂ. 1634646=00			Lcr –	18619 –		
	[illegible]			CGF –	1862 –		
				Roy –	[illegible]		
	[illegible]	J.V.		Pen –	2000 –		
			4/1/16.	Total –	227294=00		